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LISTING OF CLAIMS

1.   (canceled)

2.   (currently amended)   ~~The method of Claim 1~~ A method for projecting usage of computer resources for a plurality of processing systems in a processing environment comprising the steps of:

representing a plurality of capacities, one capacity for each system of said plurality of processing systems in units of time; and

sorting the capacities of said plurality of processing systems from shortest to longest time,

wherein said representing of the capacity for each system of said plurality of processing systems comprises:

calculating a plurality of resource life expectancies, one resource life expectancy for each of said resources;

identifying at least one critical resource having the shortest resource life expectancy of said plurality of resource life expectancies; and

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defining the life expectancy of the system as the
resource life expectancy of the at least one critical
resource.

3. (canceled)

4. (previously presented) The method of Claim 2 further
comprising altering workload on at least two of said
plurality of processing systems to improve resource
utilization.

5. (currently amended) The method of Claim 4 ~~Claim 3~~
further comprising reevaluating the usage of computer
resources for the at least two of said plurality of
processing systems.

6. (currently amended) The method of Claim 2 ~~Claim 1~~
wherein said representing <u>further</u> comprises plotting a life
expectancy for each of N resources of each processing system
in an N dimensional capacity space.

7. (currently amended) The method of Claim 6 <u>wherein</u>
<u>said</u> ~~further comprising~~ identifying at least one critical

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resource for each processing system <u>comprises identifying the resource</u> based on its location within the N dimensional capacity space.

8.   (original)   The method of Claim 6 further comprising identifying at least one available resource in said plurality of processing systems based on its location within the N dimensional capacity space.

9.   (original)   The method of Claim 7 further comprising identifying at least one available resource in said plurality of processing systems based on its location within the N dimensional capacity space.

10.   (original)   The method of Claim 9 further comprising balancing of workload from said at least one critical resource to said at least one available resource.

11.   (canceled)

12.   (currently amended)   ~~The system of Claim 11~~ <u>A system for projecting usage of computer resources for a plurality</u>

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of processing systems in a processing environment comprising:

at least one administrative processor comprising:

a normalizing component for representing a plurality of capacities, one capacity for each system of said plurality of processing systems in units of time; and

a sort component for sorting the capacities of said plurality of processing systems from shortest to longest time,

wherein said normalizing component comprises:

a calculating component for calculating a plurality of resource life expectancies, one resource life expectancy for each of said resources;

an identifier component for identifying at least one critical resource having the shortest resource life expectancy of said plurality of resource life expectancies; and

a definitional component for defining the life expectancy of the system as the resource life expectancy of the at least one critical resource.

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13. (previously presented) The system of Claim 12 wherein said sort component comprises means for sorting the capacities based on life expectancy.

14. (currently amended)   The system of <u>Claim 12</u> ~~Claim 11~~ further comprising processing means for applying a reallocation algorithm to adjust workload among said plurality of processing systems.

15. (canceled)

16. (currently amended)   ~~The program storage device of Claim 1~~ <u>A program storage device readable by machine, tangibly embodying a program of instructions executable by the machine to perform method steps for projecting usage of computer resources for a plurality of processing systems in a processing environment, said method comprising the steps of:</u>

<u>representing a plurality of capacities, one capacity for each system of said plurality of processing systems in units of time; and</u>

<u>sorting the capacities of said plurality of processing systems from shortest to longest time,</u>

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wherein said representing of the capacity for each system of said plurality of processing systems comprises:

calculating a plurality of resource life expectancies, one resource life expectancy for each of said resources;

identifying at least one critical resource having the shortest resource life expectancy of said plurality of resource life expectancies; and

defining the life expectancy of the system as the resource life expectancy of the at least one critical resource.

17. (currently amended) The program storage device of ~~Claim 15~~ Claim 16 wherein said representing comprises plotting a life expectancy for each of N resources of each processing system in an N dimensional capacity space.

18. (previously presented) The program storage device of Claim 17 further comprising identifying at least one of a critical resource and an available resource for each processing system based on its location within the N dimensional capacity space.

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19. (currently amended) The system of <u>Claim 16</u> <s>Claim 14</s> wherein said normalizing component comprises means for plotting a life expectancy for each of N resources of each processing system in an N dimensional capacity space.

20.   (previously presented)   The system of Claim 19 wherein said processing means further comprises means for identifying at least one of a critical resource and an available resource for each processing system based on its location within the N dimensional capacity space.

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